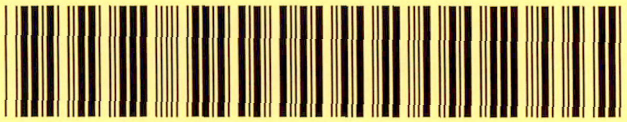
1137IHSSF2231



DocumentID NONCD0002850

Site Name BUSICK ROAD TCE

DocumentType Risk Assessment (RISK)

RptSegment 1

DocDate 5/24/2011

DocRcvd 5/24/2011

Box SF2231

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

May 24, 2011

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, IHSB

FROM: Vince Antrilli
Superfund Section, Inactive Hazardous Sites Branch (IHSB)

RE: Health Risk Evaluation Request
Busick Rd
Reidsville, Rockingham County
NONCD 000 2850

Please find attached a copy of the laboratory analytical results for one water supply well sample. This sample was collected from a water supply well located at 221 Busick Rd. This sample was collected on May 11, 2011. Because this sample was collected from a water supply well, the IHSB requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations.

Well ID	Compound	Concentration (µg/L)	US EPA MCL (µg/L)	NC 2L (µg/L)
BR-1	Trichloroethene	2.8	5	3

If you have any questions, please contact me at 508-8573.

Attachment

May 24, 2011

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, IHSB

FROM: Vince Antrilli
Superfund Section, Inactive Hazardous Sites Branch (IHSB)

RE: Health Risk Evaluation Request
Busick Rd
Reidsville, Rockingham County
NONCD 000 2850

Please find attached a copy of the laboratory analytical results for one water supply well sample. This sample was collected from a water supply well located at 210 Busick Rd. This sample was collected on May 11, 2011. Because this sample was collected from a water supply well, the IHSB requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations.

Well ID	Compound	Concentration (µg/L)	US EPA MCL (µg/L)	NC 2L (µg/L)
BR-2	Trichloroethene	3.0	5	3

If you have any questions, please contact me at 508-8573.

Attachment

NCDENR
North Carolina Department of Environment and Natural Resources
Dexter R. Matthews, Director | Division of Waste Management | Beverly Eaves Purdue, Governor
Dee Freeman, Secretary

MEMORANDUM

Date: May 23, 2011

To: File

From: Vince Antrilli
Raleigh Regional Office
Inactive Hazardous Sites Branch

Re: Site Name – Busick Rd
NONCD000 2850

- I spoke with Mr. Hankins this afternoon regarding the Bernard Allen affidavit that was sent to him. He has not returned it because he said he does not qualify for the assistance. I requested that he send a notarized letter or a letter and a copy of his latest tax return to us for determination on non qualification so that we may pursue alternate funding for the installation of a POE filter system.
- He said that he would send the information needed.
- I explained that upon receiving the qualification documentation we will review it and return it to him along with a letter of determination and further actions.

REMIT TO **Invoice**

FIN: 57-0831507

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, SC 29172

Phone (803) 791-9700
Fax (803) 791-9111

Invoice Number	125298	Date	05/24/2011
Quote	12496	Customer Number	2182
Terms	Net 30 days	Project Manager	NMS

BILL TO

NCDENR - DWM - DSCA
401 Oberlin Rd
Suite 210
Raleigh, NC 27605

Vincent Antrilli

Lot Number:ME12003
P.O. Number:
Project Number:NONCD0002850
Project Name:Busick Rd
Sample Receipt Date:05/12/2011

Quantity	Matrix	Description	Analytical Method	Unit Price	Extended Price
3	Aqueous	1,4-Dioxane (SIM with isotope dilution)	8260B (SIM Iso.)	$70.00	$210.00
3	Aqueous	TCL VOCs (OLM04.3) XLL To use with 1,4 Dioxane SIM Only	8260B	$90.00	$270.00

Invoice Total: $480.00

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

NCDENR - DWM - DSCA
401 Oberlin Rd
Suite 210
Raleigh, NC 27605
Attention: Vincent Antrilli

Project Name:**Busick Rd**

Project Number:**NONCD0002850**

Lot Number:**ME12003**

Date Completed:**05/24/2011**

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
NCDENR - DWM - DSCA
Lot Number: ME12003

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

Shealy is not NELAC certified for Phosphorus by 365.1 but is certified in SC and NC.

Shealy is not NELAC certified for VPH, but is certified for VPH in NC.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
NCDENR - DWM - DSCA
Lot Number: ME12003

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	Trip Blank	Aqueous	05/11/2011	05/12/2011
002	BR-1	Aqueous	05/11/2011 1100	05/12/2011
003	BR-2	Aqueous	05/11/2011 1145	05/12/2011

(3 samples)

Executive Summary
NCDENR - DWM - DSCA
Lot Number: ME12003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
002	BR-1	Aqueous	Trichloroethene	8260B	2.8		ug/L	10
003	BR-2	Aqueous	Trichloroethene	8260B	3.0		ug/L	13

(2 detections)

Volatile Organic Compounds by GC/MS (SIM with isotope dilution)

Client: **NCDENR - DWM - DSCA**
Description: **Trip Blank**
Date Sampled: **05/11/2011**
Date Received: **05/12/2011**
Laboratory ID: **ME12003-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B (SIM iso.)	1	05/14/2011 0642	LBS		59832

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,4-Dioxane	123-91-1	8260B (SIM iso.)	ND		3.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA** | Laboratory ID: **ME12003-001**

Description: **Trip Blank** | Matrix: **Aqueous**

Date Sampled: **05/11/2011**

Date Received: **05/12/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0250	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **Trip Blank**
Date Sampled: **05/11/2011**
Date Received: **05/12/2011**
Laboratory ID: **ME12003-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0250	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS (SIM with isotope dilution)

Client: **NCDENR - DWM - DSCA**
Laboratory ID: **ME12003-002**
Description: **BR-1**
Matrix: **Aqueous**
Date Sampled: **05/11/2011 1100**
Date Received: **05/12/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B (SIM iso.)	1	05/16/2011 1837	DLB		59833

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,4-Dioxane	123-91-1	8260B (SIM iso.)	ND		3.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		117	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **BR-1**
Date Sampled: **05/11/2011 1100**
Date Received: **05/12/2011**

Laboratory ID: **ME12003-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0311	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Laboratory ID: **ME12003-002**
Description: **BR-1**
Matrix: **Aqueous**
Date Sampled: **05/11/2011 1100**
Date Received: **05/12/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0311	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	**79-01-6**	**8260B**	**2.8**		**0.50**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (SIM with isotope dilution)

Client: **NCDENR - DWM - DSCA**
Laboratory ID: **ME12003-003**
Description: **BR-2**
Matrix: **Aqueous**
Date Sampled: **05/11/2011 1145**
Date Received: **05/12/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B (SIM iso.)	1	05/16/2011 1947	DLB		59833

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,4-Dioxane	123-91-1	8260B (SIM iso.)	ND		3.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		126	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA** | Laboratory ID: **ME12003-003**

Description: **BR-2** | Matrix: **Aqueous**

Date Sampled: **05/11/2011 1145**

Date Received: **05/12/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0332	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **BR-2**
Date Sampled: **05/11/2011 1145**
Date Received: **05/12/2011**

Laboratory ID: **ME12003-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/21/2011 0332	JJG		60126

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	**79-01-6**	**8260B**	**3.0**		**0.50**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - MB

Sample ID: MQ59832-001
Batch: 59832
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,4-Dioxane	ND		1	3.0	ug/L	05/14/2011 0134

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		104	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - LCS

Sample ID: MQ59832-002
Batch: 59832
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,4-Dioxane	50	59		1	117	43-173	05/13/2011 2358

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		83	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - LCSD

Sample ID: MQ59832-003
Batch: 59832
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,4-Dioxane	50	59		1	117	0.16	43-173	20	05/14/2011 0019

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		97	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - MB

Sample ID: MQ59833-001
Batch: 59833
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,4-Dioxane	ND		1	3.0	ug/L	05/16/2011 1709

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		112	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - LCS

Sample ID: MQ59833-002
Batch: 59833
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,4-Dioxane	50	57		1	114	43-173	05/16/2011 1544

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		95	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS (SIM with isotope dilution) - LCSD

Sample ID: MQ59833-003
Batch: 59833
Analytical Method: 8260B (SIM iso.)

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,4-Dioxane	50	58		1	115	0.70	43-173	20	05/16/2011 1606

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		103	40-170

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: MQ60126-001
Batch: 60126
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	05/21/2011 0147
Benzene	ND		1	0.50	ug/L	05/21/2011 0147
Bromodichloromethane	ND		1	0.50	ug/L	05/21/2011 0147
Bromoform	ND		1	0.50	ug/L	05/21/2011 0147
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	05/21/2011 0147
2-Butanone (MEK)	ND		1	10	ug/L	05/21/2011 0147
Carbon disulfide	ND		1	0.50	ug/L	05/21/2011 0147
Carbon tetrachloride	ND		1	0.50	ug/L	05/21/2011 0147
Chlorobenzene	ND		1	0.50	ug/L	05/21/2011 0147
Chloroethane	ND		1	0.50	ug/L	05/21/2011 0147
Chloroform	ND		1	0.50	ug/L	05/21/2011 0147
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	05/21/2011 0147
Cyclohexane	ND		1	0.50	ug/L	05/21/2011 0147
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	05/21/2011 0147
Dibromochloromethane	ND		1	0.50	ug/L	05/21/2011 0147
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	05/21/2011 0147
1,4-Dichlorobenzene	ND		1	0.50	ug/L	05/21/2011 0147
1,3-Dichlorobenzene	ND		1	0.50	ug/L	05/21/2011 0147
1,2-Dichlorobenzene	ND		1	0.50	ug/L	05/21/2011 0147
Dichlorodifluoromethane	ND		1	0.50	ug/L	05/21/2011 0147
1,1-Dichloroethane	ND		1	0.50	ug/L	05/21/2011 0147
1,2-Dichloroethane	ND		1	0.50	ug/L	05/21/2011 0147
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	05/21/2011 0147
1,1-Dichloroethene	ND		1	0.50	ug/L	05/21/2011 0147
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	05/21/2011 0147
1,2-Dichloropropane	ND		1	0.50	ug/L	05/21/2011 0147
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	05/21/2011 0147
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	05/21/2011 0147
Ethylbenzene	ND		1	0.50	ug/L	05/21/2011 0147
2-Hexanone	ND		1	10	ug/L	05/21/2011 0147
Isopropylbenzene	ND		1	0.50	ug/L	05/21/2011 0147
Methyl acetate	ND		1	1.0	ug/L	05/21/2011 0147
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	05/21/2011 0147
4-Methyl-2-pentanone	ND		1	10	ug/L	05/21/2011 0147
Methylcyclohexane	ND		1	5.0	ug/L	05/21/2011 0147
Methylene chloride	ND		1	0.50	ug/L	05/21/2011 0147
Styrene	ND		1	0.50	ug/L	05/21/2011 0147
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	05/21/2011 0147
Tetrachloroethene	ND		1	0.50	ug/L	05/21/2011 0147
Toluene	ND		1	0.50	ug/L	05/21/2011 0147
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	05/21/2011 0147
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	05/21/2011 0147
1,1,1-Trichloroethane	ND		1	0.50	ug/L	05/21/2011 0147
1,1,2-Trichloroethane	ND		1	0.50	ug/L	05/21/2011 0147

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: MQ60126-001
Batch: 60126
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	05/21/2011 0147
Trichlorofluoromethane	ND		1	0.50	ug/L	05/21/2011 0147
Vinyl chloride	ND		1	0.50	ug/L	05/21/2011 0147
Xylenes (total)	ND		1	0.50	ug/L	05/21/2011 0147

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: MQ60126-002
Batch: 60126
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	86		1	86	46-153	05/21/2011 0021
Benzene	50	51		1	103	70-130	05/21/2011 0021
Bromodichloromethane	50	52		1	105	70-130	05/21/2011 0021
Bromoform	50	56		1	113	70-130	05/21/2011 0021
Bromomethane (Methyl bromide)	50	67		1	135	60-140	05/21/2011 0021
2-Butanone (MEK)	100	99		1	99	60-140	05/21/2011 0021
Carbon disulfide	50	48		1	96	60-140	05/21/2011 0021
Carbon tetrachloride	50	51		1	102	70-130	05/21/2011 0021
Chlorobenzene	50	53		1	105	70-130	05/21/2011 0021
Chloroethane	50	71		1	142	42-163	05/21/2011 0021
Chloroform	50	52		1	103	70-130	05/21/2011 0021
Chloromethane (Methyl chloride)	50	63		1	126	20-158	05/21/2011 0021
Cyclohexane	50	52		1	105	70-130	05/21/2011 0021
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	105	70-130	05/21/2011 0021
Dibromochloromethane	50	53		1	106	70-130	05/21/2011 0021
1,2-Dibromoethane (EDB)	50	54		1	108	70-130	05/21/2011 0021
1,4-Dichlorobenzene	50	51		1	103	70-130	05/21/2011 0021
1,3-Dichlorobenzene	50	52		1	105	70-130	05/21/2011 0021
1,2-Dichlorobenzene	50	52		1	103	70-130	05/21/2011 0021
Dichlorodifluoromethane	50	57		1	115	60-140	05/21/2011 0021
1,1-Dichloroethane	50	53		1	105	70-130	05/21/2011 0021
1,2-Dichloroethane	50	48		1	97	70-130	05/21/2011 0021
cis-1,2-Dichloroethene	50	51		1	103	70-130	05/21/2011 0021
1,1-Dichloroethene	50	51		1	103	70-130	05/21/2011 0021
trans-1,2-Dichloroethene	50	54		1	108	70-130	05/21/2011 0021
1,2-Dichloropropane	50	52		1	103	70-130	05/21/2011 0021
cis-1,3-Dichloropropene	50	61		1	122	70-130	05/21/2011 0021
trans-1,3-Dichloropropene	50	51		1	101	70-130	05/21/2011 0021
Ethylbenzene	50	57		1	113	70-130	05/21/2011 0021
2-Hexanone	100	110		1	112	60-140	05/21/2011 0021
Isopropylbenzene	50	56		1	113	70-130	05/21/2011 0021
Methyl acetate	50	50		1	100	15-128	05/21/2011 0021
Methyl tertiary butyl ether (MTBE)	50	51		1	102	70-130	05/21/2011 0021
4-Methyl-2-pentanone	100	100		1	101	60-140	05/21/2011 0021
Methylcyclohexane	50	54		1	107	70-130	05/21/2011 0021
Methylene chloride	50	47		1	95	70-130	05/21/2011 0021
Styrene	50	58		1	116	70-130	05/21/2011 0021
1,1,2,2-Tetrachloroethane	50	53		1	105	70-130	05/21/2011 0021
Tetrachloroethene	50	53		1	105	70-130	05/21/2011 0021
Toluene	50	53		1	107	70-130	05/21/2011 0021
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	58		1	117	70-130	05/21/2011 0021
1,2,4-Trichlorobenzene	50	51		1	103	70-130	05/21/2011 0021
1,1,1-Trichloroethane	50	53		1	106	70-130	05/21/2011 0021
1,1,2-Trichloroethane	50	49		1	99	70-130	05/21/2011 0021

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: MQ60126-003
Batch: 60126
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	49		1	97	4.2	70-130	20	05/21/2011 0043
Trichlorofluoromethane	50	57		1	113	6.1	60-140	20	05/21/2011 0043
Vinyl chloride	50	56		1	113	7.4	60-140	20	05/21/2011 0043
Xylenes (total)	100	110		1	106	6.5	70-130	20	05/21/2011 0043

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		94	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com

Chain of Custody Record

Number 01789

Client: NCDENR-Dwm Inactive Hazardous Sites	Report to Contact: Vincent Antrilli	Sampler (Printed Name): Vincent Antrilli Jr.	Quote No.
Address: 401 Oberlin Rd Suite 150	Telephone No. / Fax No. / Email: 919-508-8573	Waybill No.	Page: of
City: Raleigh State: NC Zip Code: 27603	Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4 4. HNO3 5. HCL 6. Na Thio. 7. NaOH		Number of Containers / Bottle (See Instructions on back) / Preservative
Project Name: BusickRd			Lot No. ME17203
Project Number: NONCD000 2850	P.O Number		

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	Matrix: GW	DW	WW	S	Other	Analysis: VOCs	1,4-Dioxane SIM	Remarks / Cooler ID
Trip Blank	5-11-11			V					2	2	
BR-1		11:00		V					3	3	
BR-2		11:45		V					3	3	

Turn Around Time Required (Prior lab approval required for expedited TAT): ☐ Standard ☐ Rush (Please Specify)

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

QC Requirements (Specify)

Possible Hazard Identification: ☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison ☐Unknown

	Date	Time		Date	Time
1. Relinquished by / Sampler: Vincent Antrilli Jr	5-11-11	2:35	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by: FedEx	5-12-11	0800	4. Laboratory Received by	5/12/11	0840

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

LAB USE ONLY — Received on Ice (Check) ☐ Yes ☐ No ☐ Ice Pack — Receipt Temp. 3.3 °C — Temp. Blank ☐ Y / ☐ N

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Receipt Checklist (SRC)

Client: NCDENR Cooler Inspected by/date: CW 5/12/11 Lot #: HE12603

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☒ FedEx ☐ Airborne Exp ☐ Other			
Yes ☒	No ☐		1. Were custody seals present on the cooler?
Yes ☐	No ☐		2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon receipt 3.1 °C / °C / °C / °C / °C / °C / °C / °C			
Method: ☐ Temperature Blank ☐ Against Bottles Method of coolant: ☐ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes ☐	No ☐	NA ☒	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☒	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☒	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☐	No ☒	NA ☐	5a Were samples relinquished by client to commercial courier?
Yes ☒	No ☐		6. Were sample IDs listed?
Yes ☒	No ☐		7. Was collection date & time listed?
Yes ☒	No ☐		8. Were tests to be performed listed on the COC?
Yes ☒	No ☐		9. Did all samples arrive in the proper containers for each test?
Yes ☒	No ☐		10. Did all container label information (ID, date, time) agree with COC?
Yes ☒	No ☐		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☒	No ☐		12. Was adequate sample volume available?
Yes ☒	No ☐		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☒		14. Were any samples containers missing?
Yes ☐	No ☒		15. Were there any excess samples not listed on COC?
Yes ☐	No ☒	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☒	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☒	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☒	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L)samples free of residual chlorine?
Yes ☐	No ☐	NA ☒	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Fedex Tracking Number: 863125962203

Date 5-11-11

Sender's name: NCDENR-Dwm Vince Hartelli Phone: 919 508-8573

Company: NCDENR-Dwm Emerging Hazardous Sites

Address: 401 Oberlin Rd

City: Raleigh State: NC Zip: 27605

Courier Internal Billing Reference

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐

SESI employee:_____

Comments:_____